



United States Department of Agriculture

# **Western Governors' Association Meeting**

**Vernon Harrington**

**State Plant Health Director**

**USDA-APHIS-PPQ**

**Honolulu, Hawaii**



**Kona Work Unit**

Airport  
Cargo (air and surface)  
Export Certification  
Compliance  
Survey Support (bees, etc.)

**Honolulu Work Unit**

Airport  
Plant Inspection Station  
Permitting  
Export Certification  
Compliance  
Post office (Mail)  
Detector Dog Program  
Post Entry  
Cargo (air and surface)  
Survey support  
Treatments (fumigation)  
Biotechnology  
Containment Facilities

**Pest Detection Survey Coordination**

CAPS  
Support foreign/domestic trade surveys  
Support survey emergency preparedness and mapping

**Hilo Work Unit**

Airport  
Treatments (irradiation, VHT, high Temperature forced hot air)  
Cargo (air and surface)  
Export Certification  
Compliance  
Survey support  
Designated Port for Orchidaceae  
CITES/ESA  
Containment Facilities  
Foreign Export Work Plans

**Hawaii Fruit Fly Facility**

Sterilizes Medfly Pupae for U.S. SIT Program  
**Hawaii Fruit Fly Detection Program**

**Smuggling Interdiction and Trade**

**Hawaii**  
**USDA, APHIS, PPQ**  
**Plant Health Director**

**Kauai Work Unit**

Airport  
Cargo (air and surface)  
Export Certification  
Compliance  
Post Entry  
Treatments  
Survey Support  
Biotechnology  
Containment Facilities

**Partnership With**

**American Samoa**  
**Commonwealth of Northern Marianas Island**  
**DHS-CBP and TSA**  
Invasive Species-state, national, pacific, international  
Non-Governmental Organizations  
Information Technology  
Hawaii Department of Agriculture  
University of Hawaii  
Agricultural Research Service  
Center for Plant Health Science and Technology (CPHST)  
Private Industry  
Biotechnology Regulatory Services  
Veterinary Regulation Services  
Wildlife Services  
USDA alliances (FSA, NRCS, RD, FS, FDA, FNS, FSIS)  
Emergency Preparedness state and federal  
Congressional Offices

**Maui Work Unit**

Airport -  
➤ Kahului  
➤ Kapalua (West)  
➤ Lanai  
➤ Molokai  
  
Treatments  
Export Certification  
Compliance  
Survey Support  
Detector Dog Program  
Cargo (air and surface)  
Biotechnology

**Guam Work Units**

Regulatory/Compliance  
Survey  
Plant Inspection Station  
Containment Facilities  
Collaborator Programs

# Operational Partnerships

- HDOA
- State and Federal Agencies
- University of Hawaii
- Industry
- Congressional Staffers at Their Request

# The Cooperative Agricultural Pest Survey (CAPS) Program

**FY18 – \$546,466**

- **Hawaii**
  - Hawaii Department of Agriculture
  - Hawaii Department of Land and Natural Resources
  - University of Hawaii
- **Guam**
  - Guam Department of Agriculture
  - University of Guam
- **Commonwealth of the Northern Mariana Islands**
  - Northern Marianas College

# The Cooperative Agricultural Pest Survey (CAPS) Program

**FY18 – \$546,466**

- **Hawaii - \$427,864**
  - Infrastructure, annual ryegrass toxicity survey, rapid ohia death response, papaya pathogens survey, Huanglongbing (citrus greening) survey, fire ant survey
- **Guam - \$102,872**
  - Fruit fly survey, nursery pests survey, invasive ant survey, Huanglongbing (HLB) survey, biological control of Asian citrus psyllid (HLB vector)
- **Commonwealth of the Northern Mariana Islands - \$15,730**
  - Fruit fly survey, invasive ant survey



# **Farm Bill**

## **FY18 – \$2.54 million**

- **Hawaii**
  - University of Hawaii
  - Malama Learning Center
  - Bernice Pauahi Bishop Museum
- **Guam**
  - University of Guam

# Farm Bill

## FY18 – \$2.54 million

- Hawaii - \$2,092,367
  - Coconut Rhinoceros Beetle (CRB) Eradication
  - CRB research into management, biological and chemical control
  - National honey bee survey, solanaceous crops survey for pests of national importance, and little fire ant management systems
- Guam - \$451,800
  - CRB management and biological control
  - National honey bee and solanaceous crops surveys

# Hawaii Risk Committee

- Purpose - To protect American agriculture and natural resources from threats posed by foreign invasive and agricultural pests / diseases, to protect global biodiversity, and to facilitate legitimate trade.
- Key Goals
  - Identify high-risk commodities and associated pathways.
  - Adapt targeting and compliance methodologies.
  - Utilize risk analysis in determining inspectional processes.
  - Be transparent to stakeholders with regard to import requirements and policy.
  - Provide cross-training at the port level.
- Partnerships
  - USDA APHIS (PPQ, PPQ SITC, WS, VS)
  - DHS CBP
  - DHHS FDA
  - US FWS
  - HDOA



# Smuggling Interdiction and Trade Compliance

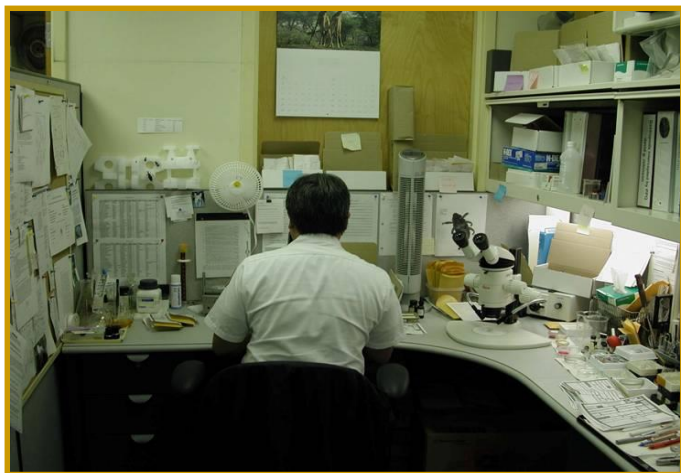
- Purpose - To detect and close pathways in which restricted or prohibited agricultural commodities make illegal entry into the United States.
- Key Goals (Animal Products, Plant Products & CITES)
  - Stop Smuggling
  - Facilitate Trade Compliance
- Partnerships
  - USDA APHIS: QPAS / PPQ / PPQ VRS / VS / PSS / FSA / NASS / IS
  - DHS Customs & Border Protection
  - US Fish & Wildlife Service
  - US Food & Drug Administration
  - State Agencies: HDOA PQ / HDOA VS / HDOH EHSD (FDA & Sanitation)
  - University of Hawaii at Manoa: CTAHR

# Guam/Pacific Collaboration & Training

- Training is conducted on Animal Health and Quarantine, Plant Protection, Invasive Species Management, Entomology, Plant Pathology, Risk Reduction Methods, Integrated Pest Management and International Standards.
- Attended by quarantine officers from Guam, Rota, Tinian, Saipan, Fiji, Kosrae, Chuuk, Yap, Palau, Marshall Islands and Pohnpei.
- Enhances interagency capacity building throughout Micronesia.
- Greatly benefits APHIS PPQ offshore mitigation.

# APHIS' Role in Safeguarding Hawaii from Agricultural Pests

## ➤ Inspection and Regulation



### Honolulu is a Designated Inspection Station

- ✓ Issues Import Permits
- ✓ Issues all the Phytosanitary Certificates for Honolulu
- ✓ CITES –supports active orchid Industry
- ✓ Biotechnology Regulation
- ✓ Containment Facility
- ✓ Post Entry
- ✓ Outreach for business and public information

# Coordinating Group on Alien Pest Species (CGAPS)

- Hawaii PPQ partners with CGAPS.
- Members are management-level staff from every major agency and organization that are involved in invasive species work. They include:
  - Federal
  - State
  - County and
  - Private entities
- Collectively, members influence policy and funding decisions, improve communications, increase collaborations, and promote public awareness.

# Fruit Fly Detection Program



**Melon Fly**

**Solanaceous Fruit Fly**

**Oriental Fruit Fly**

**Medfly**

- With the increase in global commerce and transportation, there is a high risk of entry of a new fruit fly species into the state of Hawaii, which may serve as a pathway to the continental U.S.
- The aim of this program is to detect exotic fruit fly species in high-risk areas of Hawaii and to maintain a framework for emergency pest detection in cooperation with the State of Hawaii.
- The program collaborates with such groups as the Hawaii Department of Agriculture, USDA's Agricultural Research Service, and USDA's **Center for Plant Health Science and Technology**.



# Mahalo